

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130
617-983-6622

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

09/06/11

Erik Bennett
Assistant District Attorney, Suffolk County

Dear ADA Bennett,

Enclosed are copies of the information you requested regarding sample number [REDACTED] in the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Daniela Frasca and Kate A Corbett.
3. Control Card with Analytical Results for sample number [REDACTED]
4. Analysis Notation Forms for the above sample number.
5. GC-MS Raw Data Sheets for the above sample number.

GC-MS confirmatory testing was performed by Kate A Corbett. All other testing was performed by Daniela Frasca. If you have any questions or concerns about these facts, please contact me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "DF" followed by a stylized surname.

Daniela Frasca
Chemist II
Drug Laboratory
617 983-6631
fax: 617 983-6625



DRUG RECEIPT

CC #	
BOOK #	
PAGE #	
DESTRUCTION #	

District/Unit G201F

Name & Rank of Arresting Officer P.O. Leonardo Hernandez P.O.D Cabb ID# 11697 - 103751

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY	ANALYSIS NUMBER
69 Small Green Pills (Iclonopin)	69 Pills	16.47g	

To be completed by ECU personnel only

Po Leponin

#12015

Name and Rank of Submitting Officer P.O. (U) Herman (7/P.C. 1) Gratzke ID# 11697/103751

Received by

Elo

Date

4-30-10

ECU Control #

Curriculum Vitae

Daniela Frasca

Education

Boston University School of Medicine, Boston MA
Currently enrolled in the Biomedical Forensic Science MS Program

Suffolk University, Boston, MA
Graduated in 05/1996 and received a Bachelor of Science in Biochemistry

EXPERIENCE

Massachusetts State Laboratory Institute/DPH, Jamaica Plain, MA 01/2001 – present
Drug Laboratory: *Chemist II*

- Analysis of all substances by chemical screening, microscopy, and instrument confirmation to determine the presence of drugs for law enforcement agencies in the Commonwealth of Massachusetts.
- Appointed assistant analyst on January 29, 2001 by the Assistant Commissioner of DPH
- Completed four weeks of training in drug analysis under the supervision of senior chemists.

Quest Diagnostics Incorporated, Cambridge, MA 09/1996 – 10/2001

Department of Toxicology: Medical Technologist I

- Handles comprehensive toxic analysis, therapeutic drug monitoring, forensic drug screening, and compound ID's of biohazard samples utilizing standard operating procedures in clinical toxicology.
- Entered data and interpreted results for reporting
- QC/QA of multiple analytical instrumentation as well as maintenance
- Completed 60 days of training under the supervision of doctorate level toxicologists.

Additional Training

Northeastern Association of Forensic Scientists

McCrone Research Institute

Forensic Polarized Microscopy Polarized Microscopy of Illicit Drugs and Excipients

Massachusetts State Laboratory Institute

Expert Witness Raman Spectroscopy

Associations and Programs

- Northeastern Association of Forensic Scientists (NEAFS) 2001 - present
- The International Association of Forensic Toxicologists (TIAFT) 2003 - present
- The International Association of Therapeutic Drug Monitoring And Clinical Toxicology (IATDMCT) 2003 - present
- Massachusetts State Science Fair Judge 2000 - present
- Middle School State Science Fair Judge 2006 - present
- Volunteer Science Project Mentor/Tutor 2003 - present
for the TTT Mentor Program

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

No. [REDACTED]

Date Analyzed:

City: Boston D.C.U. Police Dept.

9/27/10

Officer: P.O. MILA DEPINA

Def: [REDACTED]

Amount: 69.0

Subst: TAB

No. Cont: 1 Cont: pb

No. Analyzed:

Date Rec'd: 06/30/2010

Net Weight:

Gross Wt.: 16.47

Tests: *AC 21*

Prelim:

Clonazepam

Findings:

Clonazepam • 20AC

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY BoscanANALYST MW

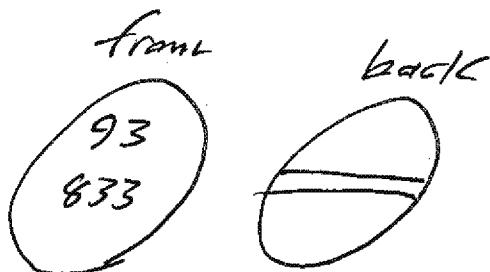
PHYSICAL DESCRIPTION:

Tabs in PB

EV. MCK

69-Tabs

Round green tab, imprinted on one side
and scored on the other side in 1/13



Gross wt: 13.0242g

Net wt: 11.6912g

Appearance and
Labeling (Micromedex):

Clonazepam - 1MG

PRELIMINARY TEST RESULTS

RESULTS ClonazepamDATE 9/23/10

GC/MS CONFIRMATORY TEST

RESULTS ClonazepamMS
OPERATOR KHGDATE 9/27/10

POISINDEX® Product List

Clonazepam

Regulatory Status: Schedule IV

Ingredients

Active-Ingredient: Clonazepam - 1 MG

Excipients: Lactose (Monohydrate)
Magnesium Stearate
Cellulose, Microcrystalline
Povidone
Water, Purified
Starch, Corn
D&C Yellow No. 10 Aluminum Lake
FD&C Blue No. 1 Aluminum Lake

Availability & Manufacturing

Availability: United States

Available-Container-Sizes: Bottle of 100; Strip of 100; Inner Pack; Bottle of 1000; Bottle of 500

Contact: Teva Pharmaceuticals

Product ID: 5575539

AAPCC Code: 007000 - Benzodiazepines

Registry Numbers: NDC 0093-0833-93
NDC 0093-0833-19

Physical Description

Imprint: 93 - 833 - This tablet is debossed with 93 - 833 on the unscored side.

Form: Oral Tablet

Color: Mottled Green

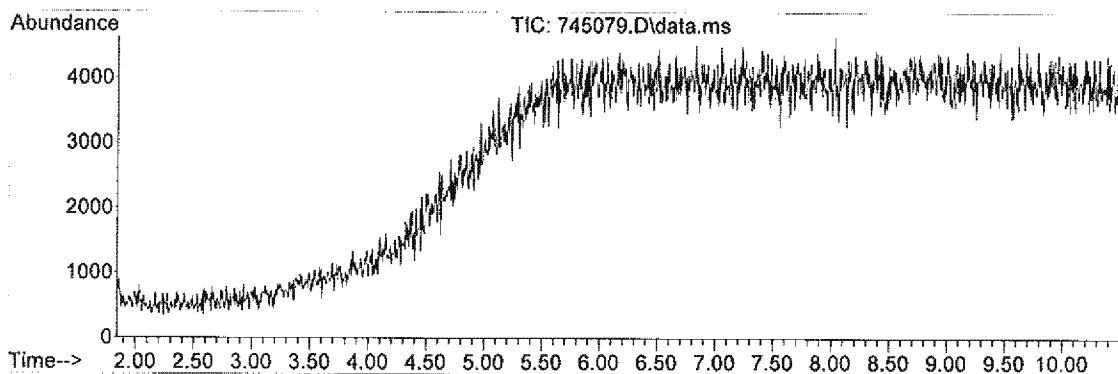
Shape: Circle

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9/6/11
✓KAC

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745079.D
Operator : KAC
Date Acquired : 25 Sep 2010 6:59
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ.M
Integrator : RTE

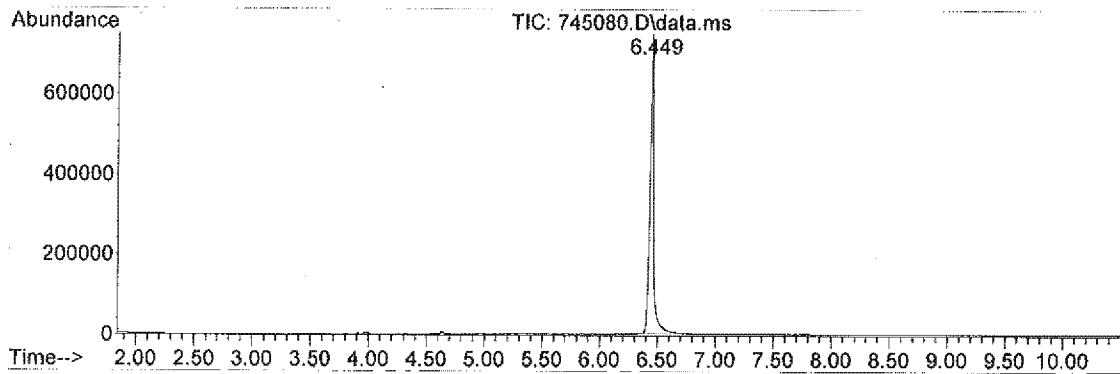


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745080.D
Operator : KAC
Date Acquired : 25 Sep 2010 7:12
Sample Name : CLONAZEPAM STD
Submitted by :
Vial Number : 80
AcquisitionMeth: CLONAZ.M
Integrator : RTE



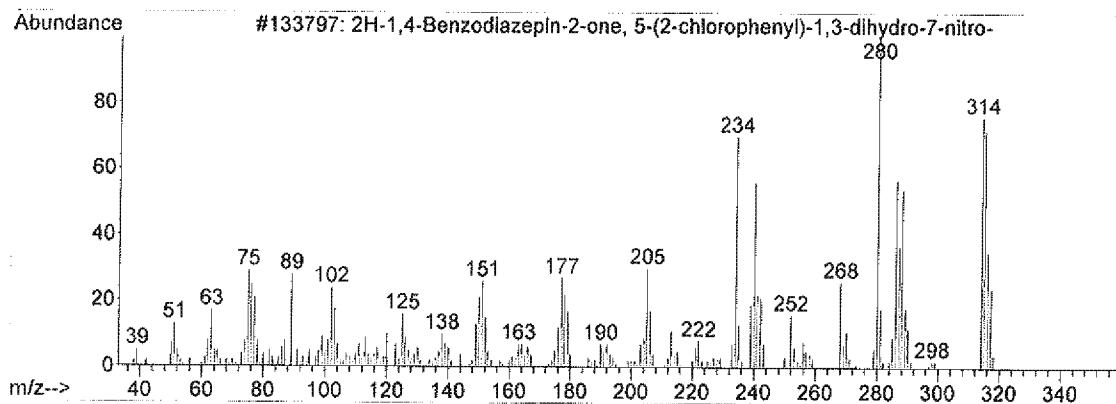
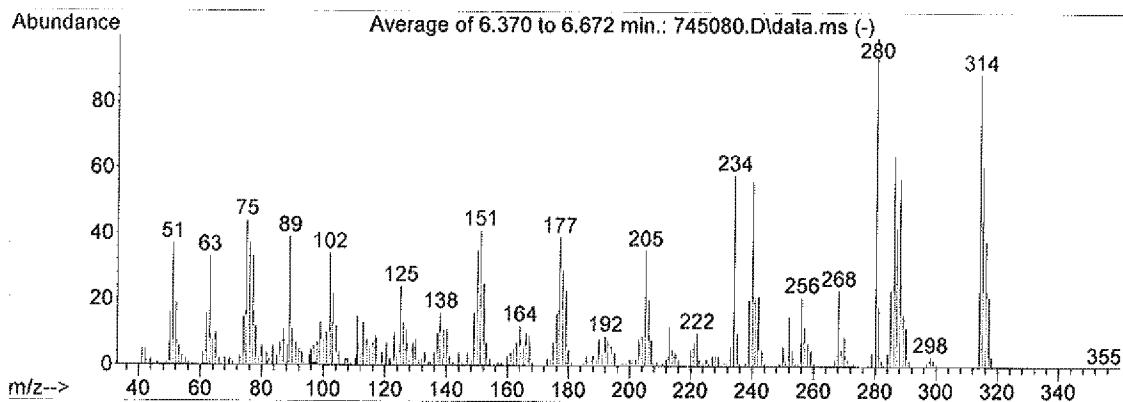
Ret. Time	Area	Area %	Ratio %
6.449	1714274	100.00	100.00

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745080.D
Operator : KAC
Date Acquired : 25 Sep 2010 7:12
Sample Name : CLONAZEPAM STD
Submitted by :
Vial Number : 80
AcquisitionMeth: CLONAZ.M
Integrator : RTE

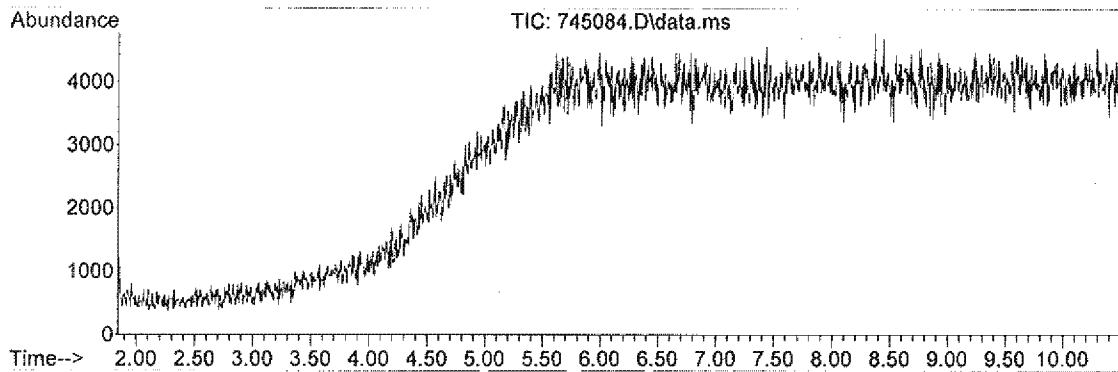
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.45	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99



Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745084.D
Operator : KAC
Date Acquired : 25 Sep 2010 8:04
Sample Name : BLANK
Submitted by : DXF
Vial Number : 2
AcquisitionMeth: CLONAZ.M
Integrator : RTE

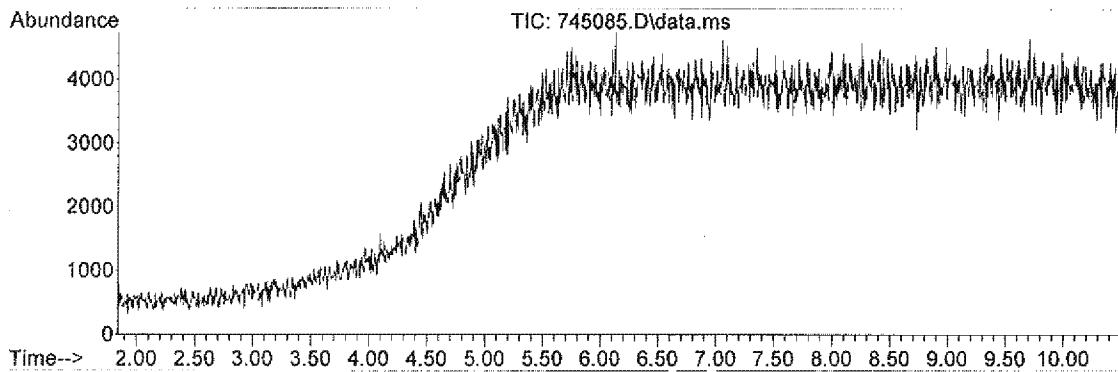


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745085.D
Operator : KAC
Date Acquired : 25 Sep 2010 8:17
Sample Name : BLANK
Submitted by : DXF
Vial Number : 2
AcquisitionMeth: CLONAZ.M
Integrator : RTE

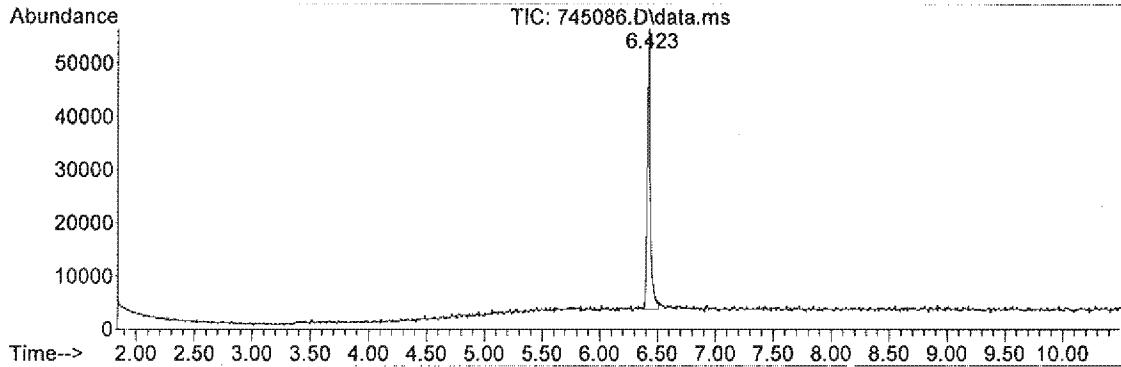


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745086.D
Operator : KAC
Date Acquired : 25 Sep 2010 8:30
Sample Name : XXXXXXXXXX
Submitted by : DXF
Vial Number : 86
AcquisitionMeth: CLONAZ.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.423	101923	100.00	100.00

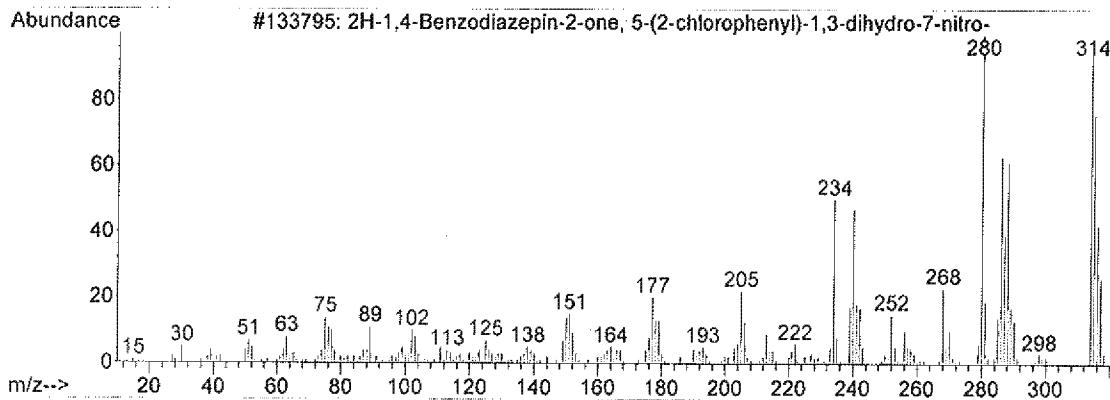
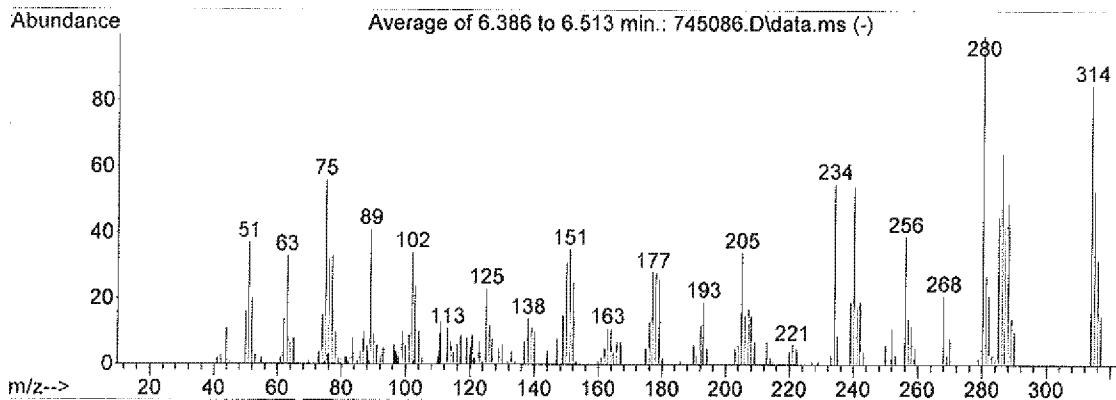
Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745086.D
Operator : KAC
Date Acquired : 25 Sep 2010 8:30
Sample Name : XXXXXXXXXX
Submitted by : DXF
Vial Number : 86
AcquisitionMeth: CLONAZ.M
Integrator : RTE

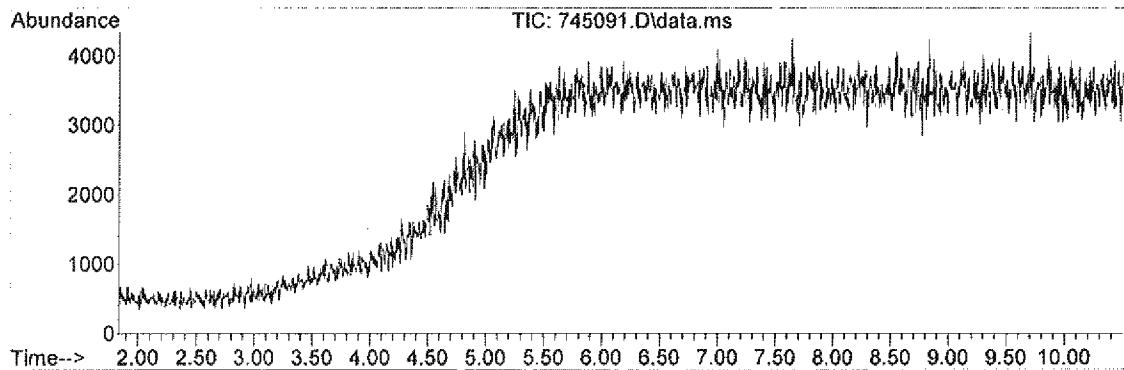
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.42	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-chlorophenyl)-1,3-dihydro-7-nitro-	001622-61-3	90
		Benzo[d,e]benzimidazolo[2,1-b]isoquinoline	114186-96-8	30
		(Z)-3-Nitro-alpha-(p-nitrophenyl)ci	104000-93-3	15



Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745091.D
Operator : KAC
Date Acquired : 25 Sep 2010 9:35
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: CLONAZ.M
Integrator : RTE

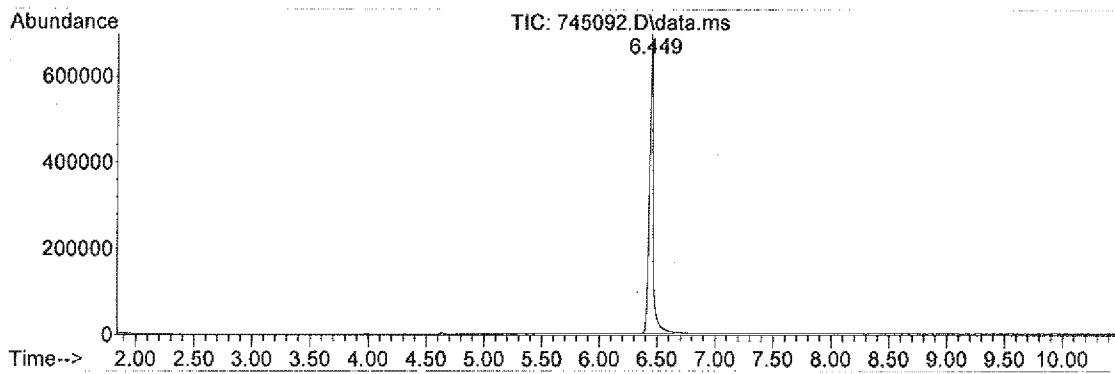


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745092.D
Operator : KAC
Date Acquired : 25 Sep 2010 9:48
Sample Name : CLONAZEPAM STD
Submitted by :
Vial Number : 80
AcquisitionMeth: CLONAZ.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.449	1546549	100.00	100.00

Information from Data File:

File Name : E:\SYSTEM7\09_24_10\745092.D
Operator : KAC
Date Acquired : 25 Sep 2010 9:48
Sample Name : CLONAZEPAM STD
Submitted by :
Vial Number : 80
AcquisitionMeth: CLONAZ.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.45	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99

